

SOBOLEV, L.G., kand.tekhn.nauk

Stability of single stage automatic control systems composed
of aperiodic circuits. Trudy TSNIIMF no.38:70-~~90~~ '61.
(MIRA 15:9)

(Automatic control)

SOBOL'EV, L.G. (Leningrad)

Selection of parameter relations of two types of single-loop
third order automatic control systems with an additional pulse
at the derivative. Avt. i telem. 22 no.1:107-110 Ja '61.
(MIRA 14:3)

(Automatic control)

SOBOLEV, L.G. (Leningrad)

Concerning the properties of single-circuit automatic control
systems. Avtom i telem 22 no.4:530-535 Ap '61. (MIRA 14 4)
(Automatic control)

SOBOLEV, L.G., inzh.

Selection of parameter correlations for control systems composed
of three aperiodic links. Sudostroenie 27 no.6:36-38 Je '61.
(MIRA 14:6)

(Marine engines)
(Automatic control)

SYROMYATNIKOV, V.F., kand.tekhn.nauk; SOBOLEV, L.G.

Results of testing the automatically controlled units of the engine
and boiler room on the steamer "Leninskii Komsomol." Inform. sbor.
TSNIIIMF no.64. Tekh. ekspl. mor. flota no.9:3-26 '61. (MIRA 16:6)
(Boilers, Marine) (Marine engines) (Automatic control)

SOBOLEV, L.G., kand.tekhn.nauk

Testing ventilating arrangements of the engine and boiler room
on the steamship "Leninskii Komsomol." Trudy TSNIIMF 8 no.42:
44-47 '62. (MIRA 16:1)
(Steamboats—Heating and ventilation)

SOPOL'EV, L.G., kand.tekhn.nauk

Structural diagrams of regulation systems of fuel combustion in
marine steam boilers. Trudy TSNIIMF 8 no.44:15-27 '62.
(MIRA 16:1)

(Boilers, Marine—Fuel systems)
(Governors (Machinery))

SOBOLEV, L.G., kand.tekhn.nauk

Initial quick operation of single circuit control systems.
Trudy TSNIIMF 8 no.44:46-49 '62. (MIRA 16:1)
(Automatic control)

SOBOLEV, L.G., kand.tekhn.nauk

Dynamics of limiting control systems. Trudy TSNIMF 8 no.44:68-
71 '62. (MIRA 16:1)
(Automatic control) (Transients (Dynamics))

KRATINOV, Ye., vtoroy shturman; SOBOLEV, L., starshiy nauchnyy sotrudnik

Ventilation system and air drying in the holds of the steamer
"Leninskii Komsomol." Mor.flot 22 no.1:26-29 Ja '62. (MIRA 15:1)

1. Parokhod "Leninskiy komsomol" (for Kratinov). 2. TSentral'nyy
nauchno-issledovatel'skiy institut morskogo flota (for Sobolev).
(Ships—Air conditioning)

SYROMYATNIKOV, V., kand.tekhn.nauk; SOBOLEV, L., starshiy nauchnyy sotrudnik

Operational testing of the automatic control system for the power plant of the "Leninskii Komsomol" steamer. Mor. flot
22 no.3:22-26 Mr '62. (MIRA 15:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut morskogo flota.

(Boilers, Marine)
(Automatic control)

3326

S/103/62/023/002/014/015
D250/D301

26.2.196

AUTHOR: Sonolev L.G. (Leningrad)

TITLE: On estimating the critical amplification coefficient
of single-loop automatic systems consisting of aperiodic
stages

PERIODICAL: Avtomatika i telemekhanika, v 23, no. 2, 1962,
242 - 243

TEXT: The value of the critical amplification coefficient K_{cr} of
an open single-loop automatic system consisting of $n+1$ aperiodic
stages is fully defined by n parameters of T_i as follows:

$$K_{cr} = (1 + z)^{\frac{1}{2}} \prod_{i=1}^n (1 + zT_i^2)^{\frac{1}{2}},$$

where T_i - ratio of time constants of i -th stage to the largest ti-
me constant which is normally that of the controlled object, $z = \omega^2_{cr}$

Card 1/2

On estimating the critical ...

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D230/D301

where ω_{cr} = critical frequency. Introducing further relations $T = \frac{R}{L}$,

if $T_1 > T$, and $Z = (1 + T_1 + T)/T_1 T$ an approximate formula for K_{cr} is obtained: $K_{cr} = [(1 + T)/T][(1 + T)(T + T_1)/T_1]^1/2$. This formula permits rapid evaluation of K_{cr} for automatic systems of the type above and for a large number of stages, the time constant of the initial stages being considerably larger than those of the latter stages. There are 2 Soviet-bloc references.

SUBMITTED: April 10, 1961

Card 201

SOBOLEV, L.G., kand.tekhn.nauk

Dynamics of certain classes of linear automatic control systems.
(MIRA 16:6)
Trudy TSNIIMF no.46:79-101 '62.
(Ships--Equipment and supplies) (Automatic control)

SOBOLEV, L.G., kand.tekhn.nauk

Character of stability region changes in the performance of control
systems with the additional connection of an inertial device. Trudy
TSNIIIMF 8 no.5:38-39 '63. (MIRA 17:3)

SOBOLEV, L.G., kand. tekhn. nauk

Errors in determining the time of start and acceleration of
marine engines. Sudostroenie 29 no.8:43-45 Ag '63. (MIRA 16:10)

(Marine engineering) (Automatic control)

SOBOLEV, L.G., kand.tekhn.nauk

Utilizing a supplementary impetus at an intermediate point for
pressure regulation systems. Sudostroenie 30 no.1:24-26 Ja '64.
(MIRA 17:3)

GARIN, V.P., kand. tekhn. nauk; SROGIN, I.G., kand. tekhn. nauk; YUNG,
V.M., kand. tekhn. nauk

Properties characteristics of marine oiler plants. Sudostroenie
(MIL' M:11)
30 no.9:1961 p.164.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

SOBOLYEV, Leonid Georgiyevich; PECHENENKO, V.I., kand.tekhn.nauk,dots.,
referent; MIET'YANOVA, I.Ya., red.
(Automatic regulation of fuel combustion in marine boilers)
Avtomaticheskoe regulirovanie toplivoszhiganiia v sudovykh
kotlakh. Moskva, Transport, 1965. 198 p. (MKhA 18:2)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

L 113014879

113014879

ACC NR: AT6014879

(N)

SOURCE CODE: UR/2752/65/000/077/0037/0039

AUTHOR: Sobolev, L. G. (Candidate of technical sciences); Petrov, V. P.

54

ORG: none

81

TITLE: Evaluation of the inertia of temperature transducers

SOURCE: Leningrad. Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota. Trudy. no. 77, 1965. Avtomatizatsiya i vychislitel'naya tekhnika na morskem flote (Automation and computer engineering in the Merchant Marine), 37-39

TOPIC TAGS: temperature control, temperature transducer, temperature sensitive element, temperature measurement, servomechanism, servosystem

ABSTRACT: The theoretical possibility of calculating the dynamic error in temperature measurements is discussed and certain experimental data are presented. The problem arises during dynamic investigations of heat exchangers as objects of automatic control. In such studies, the experimentally established temperature of a definite medium as a function of time during steady perturbations (e. g., changes in the discharge of cooling or heating media) contain dynamic errors due to the inertia of temperature sensors and transducers. The authors formulate the problem as a problem in servosystem theory. The temperature transducer is characterized by the transfer

UDC: 621.398.694

Card 1/2

L1309-66

ACC NR: AT6014879

function

$$D(p) = \frac{k}{Tp + 1},$$

where k is the coefficient of amplification, a dimensionless constant; T is a transducer constant (in sec) and p is a differential operator d/dt . The disturbance is assumed to be steady-state. The dynamics of temperature measurement are represented in terms of the Laplace-Carson function of the disturbance and the experimentally-determined curve of the transducer temperature. The unknown quantity T is determined by operator calculus (A. I. Lur'ye, *Operatsionnoye ischisleniye*, Moscow-Leningrad, Gostekhizdat, 1950). The quantity k is determined on the basis of data from static tests. Orig. art. has: 2 figures.

SUB CODE: 20,09/

SUBM DATE: none/

ORIG REF: 003

Card 2/2

L 02254-67
ACC NR: AT6008031

O

The use of these ratios makes it possible to extend the conclusions of a previous work (Trudy TsNIIMF, vyp. 46, 1962) in which a similar method was employed to study the dynamics of automatic control systems with aperiodic elements, to broader classes of such systems. Orig. art. has: 49 formulas.

SUB CODE: 09,12/ SUBM DATE: none/ ORIG REF: 006

Card 2/2

pb

SGB R&D 1.1.

Recommendation of foreign classification societies for the automation of seagoing vessels. Subiectcode no.7:41-45 JI '65.
(MIRA 18:3)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

SCHLESINGER, L. S.

"Meteorological Ships in the Atlantic," No 4, pp 85-86.
(Meteoclogiya i Gidrologiya, No 6 Nov/Dec 1947)

SG: U-3218, 3 Apr 1953

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

SOBOLEV, L.G.

Conference on problems of geophysics in the Lithuanian S.S.R.
Meteoro. i gidrol. no.2:55-56 F '53. (MIRA 8:9)

1. GUGMS pri Sovete Ministrov SSSR, Moskva.
(Lithuania--Geophysics--Congresses)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

SOBOLEV, L.G.

Scientific conference of geophysicists in Vilnius. Metero.i
gidrol. no.10:57 N-D '53. (MLRA 8:9)
(Vilnius--Geophysics--Congresses)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

S. S. I. I. .

"Plan of the Scientific Conference on ocean swells held in the Presidium of the Academy of Sciences USSR," Material, i Sib. Akad., No. 1, 1956, pp. 1-2.

The plenum was held in May 1956 in Moscow. Among the most important tasks in physical oceanography were noted the study of the circulation of sea waters, thermics and wind swells, and also the creation of methods of laboratory and extraterritory modeling. Participants remarked on the successes of recent years in the development of theoretical and empirical methods of oceanography, especially in the establishment of the dependences between wind fields over sea and sea swells and circulation. The carrying out of preliminary calculations of the underlying study of the elements governing the regime of seas was recommended for the relation between theoretical investigations and observations in nature in the course of the preparation of large-scale expeditionary investigations. The State Economic Institute and the Institute of Oceanology, Academy of Sciences USSR, are charged with considering the domain of the fishing industry, maritime transport, marine hydrogeodesy, construction, and of other branches of the economy. Noted were the serious delays in the technical equipping of oceanographic investigations and essential difficulties in the training of cadres of oceanographers in comparison with the tasks facing oceanography. (Z.Neol, No. 1, 1956) SK: S.M.Ye. /A/, 9 Nov 59

Sobolev, L. G.

AID P - 3195

Subject : USSR/Meteorology

Card 1/1 Pub. 71-a - 22/23

Author : Sobolev, L. G.

Title : Preparing for the International Geophysical Year

Periodical : Met. i. gidr., 5, 68-69, S/O 1955

Abstract : Article reports on preparations made by a special committee organized by the Academy of Sciences, USSR, for the 3rd International Geophysical Year, under the chairmanship of Academician I. P. Bardin to be held in 1957-1958. The scientific institutes and societies invited to participate are listed.

Institution : None

Submitted : No date

Transcription M-1184, 27 Jul 82

SOBULEV, L.G.

3(5) ♀ +

PHASE I BOOK EXPLOITATION

SOV/1637

Akademiya nauk SSSR. Kompleksnaya antarkticheskaya ekspeditsiya.

Opisaniye ekspeditsii na dizel'-elektrokhode "Ob", "1955-1956 gg.
(Description of the Expedition Aboard the Diesel-electric Ship "Ob"
1955-1956) Moscow, Izd-vo AN SSSR, 1958. 237 p. 2,000 copies
printed.

Sponsoring Agency: Akademiya nauk SSSR. Sovet po antarkticheskim
issledovaniyam. Chief Ed.: I. P. Bardin, Academician; Resp. Ed.
for this vol.: V.G. Kort, Professor, Chief, 1st trip of the
Marine Antarctic Expedition, USSR Academy of Sciences; Editorial
Board: A.A. Afanas'yev (Chief, Main Administration of the Northern
Sea Route, Sea Route, MMF), V.G. Bakayev (Minister of Sea Transport),
V. F. Burkhanov (Deputy Chief, Main Administration of the Northern
Sea Route), A.A. Zolotukhin (Chief, Main Administration of the

Card 1/9

Description of the Expedition (Cont.)

SOV/1637

conducted in cooperation with the IGY program. A large part of the observations and preliminary findings cited are in the field of hydrology and hydrochemistry, marine geology, geophysics, hydrography, and hydrobiology. A roster of the members of the expedition together with their specialities is included. There are 72 figures, including maps. Bibliographic references accompany separate chapters.

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Description of the Expedition

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AVAILABLE: Library of Congress

MM/bmd
5-28-59

Card 9/9

Second Marine Expedition (Cont.)

SOV/5463

COVERAGE: The present volume, the fifth in a series of seven, is a collection of articles (except for two) devoted specifically to the oceanographic, meteorological, and hydrochemical findings of the Second Soviet Marine Expedition conducted on the diesel ship "Ob" (I. A. Man, Captain) during 1956-57. The first two articles outline the Expedition's organization and program, and provide a general account of its activities during the 223-day voyage, which covered more than 40,000 miles of the Atlantic, Antarctic, and Indian Oceans. The expedition was sponsored by the Arctic and Antarctic Scientific Research Institute of the Glavsevmorput' Ministerstva morskogo flota SSSR (Main Administration of the Northern Sea Route of the Ministry of the Merchant Marine of the USSR) as part of the International Geophysical Year program. Its purpose was to investigate 1) atmospheric processes in the Antarctic region and their effect on the earth's general circulation, 2) basic regularities in the distribution of waters in the southern oceanic zone, 3) exchange of the waters of the southern seas with the waters of the world ocean, 4) geological structure of the sea bottom in the Antarctic region, and 5) the plankton, benthos.

Card 2/6

Second Marine Expedition (Cont.)

SOV/5463

ichtyofauna, and microorganisms of the Antarctic waters. Observations of the magnetic field of the earth were also made. The expedition, headed by Professor Igor' Vladislavovich Maksimov, Doctor of Geographical Sciences and Professor at the Leningradskoye vyssheye inzhenernoye morskoye uchilishche imeni S. O. Makarova (Leningrad Higher Marine Engineering School imeni S. O. Makarov), consisted of the following 8 scientific task forces: aerometeorological (headed by Leonid Gennadiyevich Sobolev); hydrological (Kirill Vladimirovich Moroshkin); geological (Aleksandr Petrovich Lisitsyn); hydrochemical (Aleksey Nikolayevich Bogoyavlenskiy); hydrobiological (Viktor Aleksandrovich Arsen'yev); geophysical (Nikolay Panteleimonovich Grushinskiy); geographic (Gravril Dmitriyevich Rikhter); and hydrographic (Yuriy Aleksandrovich Gordeyev). A complete list of the names and affiliations of the 65 scientific and administrative members of the Expedition is contained in the first article. The articles were written by members of the Institut okeanologii Akademii nauk SSSR (Institute of Oceanology, Academy of Sciences USSR), Gosudarstvennyy okeanograficheskyy institut Gidrometsluzhby SSSR (State Oceanographic Institute of the Hydro-

Card 3/6

Second Marine Expedition (Cont.)

SOV/5463

meteorological Service of the USSR), Vsesoyuznyy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii (All-Union Scientific Research Institute of Fisheries and Oceanography), and the Arctic and Antarctic Scientific Research Institute. There are no references.

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Second Marine Expedition (Cont.)

SOV/5463

Kutyrin, V.M. Determining the Content of Chlorophyll in Sea
Water and the Spectral Analysis of Phytoplankton Pigments

173

AVAILABLE: Library of Congress (G660.S58)

JA/dwm/bc

11-1-61

Card 6/6

SOBOLEV, L.G.

Studies of hydrometeorological conditions of the Vistula Lagoon.
Meteor. i gidrol. no.12:52 D '60. (MIRA 13:11)
(Vistula Lagoon--Hydrology--Research)

BOROVIKOV, A.M., kand. fiz.-mat. nauk; KHRGIAN, A.Kh., prof.; SOBOLEV, L.G.,
otv. red.; YASNOGORODSKAYA, M.M., red.; VLADIMIROV, O.G., tekhn.
red.

[Abridged cloud atlas for hydrometeorological observations on
ships] Sokrashchennyi atlas oblakov dlia sudovykh gidrometeoro-
logicheskikh nabliudenii. Pod red. L.G. Soboleva. Leningrad,
(MIRA 15:2)
Gidrometeor. izd-vo, 1961. 52 p.

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeoro-
gicheskoy sluzhby.
(Clouds)

SOBOLEV, L.G.

Meteorological and hydrological observations on ships. Meteor.
(MIRA 14:1)
i gidrol. no.2:47-48 F '61.
(Meteorology, Maritime)

SOBOLEV, L.G.

Meteorological program of the international expedition for
the study of the Indian Ocean. Meteor. i gidrol. no.1:53-54
Ja '64. (MIRA 17:3)

1. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

ACC NR: AP7005231

(A)

SOURCE CODE: UR/0145/66/000/009/0097/0102

AUTHOR: Sobolev, L. M. (Candidate of technical sciences, Lecturer)

ORG: Kostroma Agricultural Institute (Kostromskoy sel'skokhozyaystvennyy institut)

TITLE: Theoretical principles of carburetion in a precombustion engine

SOURCE: IVUZ. Mashinostroyeniye, no. 9, 1966, 97-102

TOPIC TAGS: fuel mixing, internal combustion engine, engine fuel system, combustion chamber

ABSTRACT: The author considers the theoretical principles of carburetion based on classical assumptions of general and technical thermodynamics with regard to the composition of the fuel mixture at various stages assuming various conditions and structural parameters in a precombustion engine. Expressions are derived for calculating the resultant composition of the mixture in the precombustion chamber which account for the geometric degree of compression, the volume of the chamber and the working volume of the cylinder as well as the operating conditions of the engine--the actual degree of compression as a function of the ignition advance angle, the temperature of the mixture in the precombustion chamber and in the cylinders and the scavenging coefficient of the precombustion chamber. Curves are given showing the composition of the mixture in the precombustion chamber as a function of the composition of the primary mixture for various relative rates of air consumption. An increase in the relative

UDC: 621.43

Card 1/2

ACC NR: AP7005231

rate of air consumption while holding the compositions of the primary and precombustion mixtures constant reduces the concentration of air in the resultant mixture entering the precombustion chamber from the cylinder during compression in the case of a lean primary mixture thus enriching the resultant mixture or making it necessary to provide a leaner mixture in the precombustion chamber where the composition of the resultant mixture is to be held constant. Formulas are derived for the relationship between precombustion fuel consumption and other parameters, and also for the volume of the precombustion chamber which gives normal carburetion. Orig. art. has: 2 figures, 22 formulas.

SUB CODE: 21/ SUBM DATE: 10Aug65

Card 2/2

SOPOFF, I.M., RUMI. tekhn. zhurn.

Theoretical investigation of mixture formation in a premixation
engine with mixture feed through the prechamber. Izv.vys.vuzhe.zav.
masinistr. no.54126-032 '64. (MIRA 18.1)

I. Kostromskoy sel'skokhozyaystvennyy institut.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

NOBRODOV, D.M.; SOBOLEV, L.M.

Tool for pressure casting small nonferrous metal parts. Lit.
proizv. no.5:10-11 My '55. (MLRA 8:6)
(Die casting) (Foundry machinery and supplies)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

SOBOLEV, L. M., Cand Tech Sci (diss) -- "Investigation of the working process
of a bottom-valve carburetor motor with jet ignition". Leningrad, 1959.
18 pp (Min Agric RSFSR, Leningrad Agric Inst, Engineering Faculty), 250
copies (KL, No 9, 1960, 126)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

STRUNNIKOV, Nikolay Fedorovich; SOBOLEV, Leonid Mikhaylovich;
SOLOV'YEV, Yuryi Alekseyevich; BAGRANOVA, N., red.

[Tractors; a concise manual] Traktory; Kratkii spravochnik.
[Tractors; a concise manual] Traktory; Kratkii spravochnik.
Kostroma; Kostromskoe knizhnoe izd-vo, 1963. 434 p.
(MIRA 18:9)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

SOBOL'EV, L.N.

Mechanizing the removal of waste products. Lit. proizv. no. 6:41
(MIRA 16:7)
Je '63.

(Foundries—Equipment and supplies)
(Industrial wastes)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

AVSYUK, G.A.; ARMAND, D.L.; VENDROV, S.L.; GELIAR, S.Yu.; GERASIMOV, I.P.;
GRIGOR'YEV, A.A.; GRICHUK, V.P.; DZERDZEYEVSKIY, B.L.; KAMANIN, L.G.;
ISAKOV, Yu.A.; LEONT'YEV, N.F.; L'VOVICH, M.I.; MURZAYEV, B.M.;
. NEYSHTADT, M.I.; RIKHTER, G.D.; SOBULEV, L.N.

On Academician Vladimir Nikolaevich Sukachev's 85th birthday.

Izv. AN SSSR. Ser. geog. no.4:3-4 Jl-Ag '65.

(MIRA 18:8)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

SOBOLEV, L. N.

PA5/49T47

Jul 48

USSR/Geophysics
Atmosphere - Illumination

"Rainbows in Winter," L. N. Sobolev, $\frac{1}{4}$ P

"Priroda" No 7

Describes weather conditions which preceded the
appearance of this rainbow observed from Tarasov
station (Yaroslav Railroad) on 7 Jan 48.

5/49T47

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

DOBOL V. L. N.

"Pioneer Plants of Moscow," Priroda, No. 9, 1949.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

SCHOLEV, L. N.

Botany-Tien Shan

Brief outline of the vegetation in the district of operations of the Tien Shan physical geographic station. Trudy Inst. geog. AN SSSR no. 49, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

SOBOLEV, L.N.

Results of observations of the effect of the snow cover on various
phytohabitats in the forest-meadow belt of the northern Tien Shan.
Geog. sbor. 4:34-40 '54. (MIRA 7:9)
(Tien Shan--Phytogeography) (Phytogeography--Tien Shan) (Snow)

BOBOLEV, I.N.

Botanical activities of the North Kirghiz Expedition of the Institute
of Geography of the Academy of Sciences of the U.S.S.R. at the Tien
Shan high-altitude physical geographical station. Bot. zhur. 39 no.4:
632-634 Jl-Ag '54. (MLRA 7:10)
(Tien Shan--Botany--Field work) (Botany--Field work--Tien Shan)

Sobolev, L. N.

USSR/ Geography

Card 1/1 Pub. 45 - 5/14

Authors : Sobolev, L. N.

Title : Determination of complex characteristics of a convenient locality on the basis of territorial ecological signs

Periodical : Izv. AN SSSR. Ser. geog. 6, 36 - 42, Nov-Dec 1955

Abstract : Scientific methods are described for determining the characteristics of convenient (habitable) localities by the territorial ecological signs.
Tables.

Institution : Acad. of Sc., USSR, Inst. of Geography

Submitted :

SOBOLEV, L.N.; SYROYECHKOVSKIY, Ye.Ye.

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geog. no.6:142-143 N-D '56. (MIRA 10:1)
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SOBOLEV, L.N.

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studies, and methods for reorganizing it. Bot.zhur.41 no.1:
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Discussion at the conference on studying land forms. Nauk. zap. L'viv.
un., 40:231-267 '57. (MIRA 11:6)
1. Lvovskiy gosudarstvennyy universitet (for TSys', Gerenchuk, Dumin).
2. Laboratoriya aerometodov AN SSSR, Leningrad (for Sokolov,
Miroshnichenko, Petrov). 3. Institut geografii AN SSSR, Moskva (for
Armand, Sobolev). 4. Gosudarstvennyy universitet, Voronezh (for Mil'kov,
Tarasov). 5. Leningradskiy gosudarstvennyy universitet (for Chochia,
Isachenko, Kazakova). 6. Komissiya okhrany prirody AN SSSR, Moskva (for
Protopopov). 7. Gosudarstvennyy universitet, Chernovtsy (for Rybin).
8. Gosudarstvennyy universitet, Irkutsk (for Mel'kheyev). 9. Go-
sudarstvennyy pedagogicheskiy institut im. V.I. Lenina, Moskva (for
Vasil'yeva). 10. Bol'shaya Sovetskaya Entsiklopediya (for Zabelin).
11. Gosudarstvennyy universitet, Tbilisi (for Saneblidze). 12. Moskovskiy
gosudarstvennyy universitet (for Gvozdetskiy, Solntsev, Mikhaylov,
Parmuzin, Nikolayev, Ignat'yev). 13. Torgovo-ekonomicheskiy institut,
L'vov (for Perevalov). 14. Gosudarstvennyy institut im. Kapsukasa,
Vil'nyus (for Basalikas). 15. Muzej zemlevedeniya Moskovskogo go-
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No.13, Kiyev (for Kara-Mosko). (Physical geography)

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From the practice in teaching L.G. Ramenskii's projection method of
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(Botany--Study and teaching) (MIRA 10:6)
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The First Congress of Pedologists of the U.S.S.R. Izv. AN SSSR
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Some problems in the qualitative evaluation of natural forage
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SOBOLEV, L.N.

"Ecological rating of forage lands based on vegetation" by
L.G. Ramenskii and others. Reviewed by L.N. Sobolev. Vop.
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Vegetation in the forest-meadow-steppe belt of the central Terksey
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(Terksey Ala-Tau--Vegetation and climate)

SCHOLEV, LEONID

PHASE I BOOK EXPLOITATION

SOV/5174

Pravda, Moscow.

Vtory Sosetkiy kosmicheskiy korabl'; materialy, opublikovannyye v "Svobode Pravda" ("The Second Soviet Cosmic Ship; Materials Published in the Newspaper 'Pravda'"), Moscow, 1960. 198 p.

Publ. for this Publication: V. Reut and V. Smirnov; Tech. Ed.: V. Fedotkina.

Purpose: This book is intended for the general reader.

Coverage: The book is a compilation of articles which appeared in the newspaper Pravda after the launching, orbiting, and recovery of the capsule of the Soviet 4,600 kg spaceship on August 19, 1960. The articles give some details of scientific research undertaken in this flight in the fields of biology, cytology, genetics, cosmic radiation, solar radiation, ultraviolet radiation, and radiation levels. A description and three photos of the capsule are given. No personalities are mentioned. There are no references.

Mathematical Sciences. V. Fedotkina Doctor of Physical and Mathematical Sciences. 90

Cure for Future Astronauts. D. Martov, Academician of the Academy of Sciences BSSR [Head of the Chemical and Physiological Laboratory of the Institut Fiziologii (Institute of Physiology), Minsk] 91

Forerunner of Great Conquests. A. Alikhann-Zyan, Corresponding Member of the Academy of Sciences USSR [Director of the Fizicheskii Institut AN Arzhanikov SSSR (Physical Institute of the Academy of Sciences Arzhanikov SSSR)] 93

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Beginning of a New Era. Ol'ga Porsh 100

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Event Which Surprised the World. D. Martynov, Professor, [Director of the Gosudarstvennyi astronomichevskii institut imeni Skriperberg-a (State Astronomical Institute imeni Shatberberg)] 104

Creative Genius of the Builders of Communism. Editorial in Pravda 108

Solution of a Very Important Problem. V. Ambartsumyan, Academician 113

Amorous Success of Soviet Science and Engineering. Press Conference in the Academy of Sciences USSR 115

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On the Eve of Manned Space Flight. V. Parin, Active Member of the Academy of Medical Sciences USSR 137

Into the Depths of the Microcosmos. S. Vetrov, Corresponding Member of the Academy of Sciences USSR; N. Grigor'ev, Professor 143

SOBOLEV, Leonid Nikolayevich; PEL'T, N.N., kand.sel'skokhoz.nauk,
otv.red.; LIKHACHEV, A.N., red.izd-va; DOROKHINA, I.I.,
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[Forage resources of Kazakhstan] Kormovye resursy Kazakhstana.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 278 p.

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1. Institut geografii AN SSSR, Moskva.
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The substance and objectives of biogeography. Vop.geog.
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APPROVED FOR RELEASE: 08/25/2000

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GERASIMOV, I.P.; Prinimali uchastiye: ARMAND, D.L., nauchnyy sotrudnik;
BUDAGOVSKIY, A.I., nauchnyy sotrudnik; L'VOVICH, M.I., nauchnyy
sotrudnik; SIL'VESTROV, S.I., nauchnyy sotrudnik; SOBOLEV, L.N.,
nauchnyy sotrudnik

Reduce and bring to a minimum the dependence of our agriculture
on natural elements. Izv. AN SSSR. Ser. geog. no.5:49-51 S-0
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1. Institut geografii AN SSSR.
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SOBOLEV, L.N.

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conducted in the Central Black Earth Reservation. Izv. AN SSSR.
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(Kursk Province—Botany—Ecology)

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"APPROVED FOR RELEASE: 08/25/2000

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Unit for automatic load distribution on molds. Mashinostroenie
(MIRA 18:6)
no. 3831-32 My-Jc '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

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An interuniversity conference on the geobotanical regionalization
of the U.S.S.R. Izv. AN SSSR. Ser. geog. no.3:145-147 (1-1) '65.
(MIR: 18:6)

APPROVED FOR RELEASE: 08/25/2000

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SOBOLEV, L.N.

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spruce forests of the Tien Shan. Biul. MOIP. Otd. biol. 70
no. 3:61-70 My-Je '65. (MIRA 18:10)

APPROVED FOR RELEASE: 08/25/2000

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"APPROVED FOR RELEASE: 08/25/2000

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SOBOLEV, L.N., inzh.; SOSAYEV, V.N., inzh.

Conveyer for the manufacture of low-melting patterns. Lit. proizv.
no.9:39 S '65. (MIRA 18:10)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5"

- 24(3) Authors: D'yakov, Z.P., Candidate of Physical-Mathematical Sciences. Doc. 57/53-53-2-54/15
 TITLE: Survey of Paper Read by Institute of Physics of Moscow University at the All-Union Conference "Physics of Materials na vysokotemperaturnykh soostoyaniyakh i universitetskaya vedeoysusosov sverkhshchasticheskikh voln".
 PERIODICAL: Vestnik Moskovskogo Universiteta. Seriya Matematika, Mekhanika, Astronomiya, Fizika, Khimiya. 1955, Nr. 1, pp. 317-345 (1953).
- ABSTRACT: From December 6 - 11, 1957 there took place the fourth Union Conference on Physics of Magnetic Materials in Trondheim (the first two meetings - 1956 and 1958 in Goteborg). The conference was organized by a Academy of Sciences of the USSR, Department of Physical-Mathematical Sciences, Scientific Council on Fundamental Problems of Magnetics Institute for Solid Conduction of the Academy of Sciences, USSR and Committee for Magnetics. There were more than 500 participants from 32 countries. Seven lectures were given, more than the other three-quarters of the representatives of the Moscow State University.
1. Professor B.V. Telsennin, Yu. V. Kurnitsyn, Lecture "On the Velocity of Magnetic Reversal of the Ferrimagnetic Crystals".
 2. Professor A.V. Telsennin, Yu. V. Kurnitsyn, Assistant "On Magnetic Viscoelasticity of Ferrites".
 3. Professor N.V. Melnikov, Assistant "Effect of Magnetic Field on the Frequency Characterization of Ferroelectrics".
 4. M.Y. Dobrovsky, Lecturer "Variations of Structure and Antiferromagnetic Properties of Manganites".
 5. M.A. Obabovskiy, Lecturer, Sr. Gr. Grishevskiy, Junior Scientist "Assistant "Magnetic Properties of Antiferromagnetic Stones".
 6. G.P. D'yakov, Lecturer "Magnetoostriction Properties of Binary Alloys".
 7. Professor V.I. Tordovsky, L.T. Slobodko, Assistant "Electric Properties of Ni-Compounds".
 8. S.M. Kifayev, Senior Scientist "Magnetoostriction Properties and Structure of Vanadates".
 9. M.A. Dobrikov, Senior Scientist "Properties of Ferrites".
 10. S.M. Smolikov, Senior Scientist "Antiferromagnetic Properties of the Barium Ferrite".
 11. M.A. Sosulin and Ye. P. Ponomareva, "Magnetic Properties of Alloys in the Bi-Cu-Pt-Fe-Ni System".
 12. Professor K. P. Serebryakov, Dr. N. S. Serebryakov, T. I. Telsennina, Lecturer, Ass. N. A. Serebryakova, Junior Scientist "Assistant Properties with Superconductivity, Electrical and Dielectric Properties of the Barium Ferrite".
 13. N.P. Belov, T. V. Tikhonova, Assistant "Electrical and Dielectric Properties of the Barium Ferrite".
 14. A. A. Goryainov, "Properties of Semiconductors of Ferromagnetic Materials".
 15. Professor I. F. Belov, Dr. N. S. Serebryakov, "Scientific Results of the Research of the Properties of Permalloy Alloys for the Application of the Magnetic Properties of the Alloy for the Preparation of the Magnetic Materials".
 16. Professor N. S. Serebryakov, Dr. N. S. Serebryakova, "The Properties of the Magnetic Materials of the Alloy of the Alloy for the Preparation of the Magnetic Materials".
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1. Magnetic Viscoelasticity and Magnetic Properties of Ferroelectrics. 2. Effect of Magnetic Field on the Properties of the Ferrimagnetic Crystals. 3. Magnetic Properties of the Ferrimagnetic Crystals. 4. Magnetic Properties of the Ferrimagnetic Crystals.

24(3)

AUTHOR: Sobolev, L.V.

SOV/55-59-1-14/28

TITLE: Volt-Ampere Characteristics and the Temperature Dependence of
the Conductivity of Nickel-Zinc Ferrites ✓PERIODICAL: Vestnik Moskovskogo universiteta. Seriya matematiki, mekhaniki,
astronomii, fiziki, khimii, 1959, Nr 1, pp 117-120 (USSR)ABSTRACT: The author studied volt-ampere-characteristics of
 $\text{Ni}_{0.25} : \text{Zn}_{0.75} : \text{Fe}_2\text{O}_3$ and $\text{Ni}_{0.75} : \text{Zn}_{0.25} : \text{Fe}_2\text{O}_3$
for temperatures -78° , 0° , $+20^\circ$ C. The form of the characteristics
deviates from that being usual for semiconductors. The Ohm's
law is valid only for very weak currents. The temperature
dependence of the conductivity was determined with the aid of
the bridge method. The curves $\ln G = f(1/T)$ show a series of
cracks (discontinuous derivative).
The author thanks Professor Ye.I.Kondorskiy for discussions.
There are 4 references, 1 of which is Soviet, 1 American,
1 English, and 1 German.

ASSOCIATION: Kafedra magnetizma (Chair of Magnetism) ✓

SUBMITTED: October 9, 1958

Card 1/1

SOBOLEV, L.V.

Temperature dependence of complex dielectric permittivity spectra
of polycrystalline nickel zinc ferrates. Vest Mosk. un. Ser. mat.
mekh., astron., fiz., khim. 14 no.2:107-111 '59 (MIRA 13:3)

1. Kafedra magnetizma Moskovskogo gosuniversiteta.
(Nickel zinc ferrates--Electric properties)

SOBOLEV, Leonid Vasil'yevich; GOL'DENBERG, G.Ye., red.; YERMAKOV, M.S.,
tekhn.red.

[Short handbook on physics for the students entering colleges]
Kratkoe posobie po fizike dlja postupajushchikh v vuzy. Moskva,
Izd-vo Mosk.univ., 1960. 287 p.

(MIR 14:2)

(Physics)

SOBOLEV, Leonid Vasil'yevich; GOL'DENBERG, G.S., red.; YEMAKOV,
M.S., tekhn. r-ed.

[Textbook on physics for students entering the institutions of higher learning] Posobie po fizike dlia postupavushchikh v vuzy. Moskva, Izd-vo Mosk. univ., 1964. 359 p.
(MIRA 17:2)

SOBOLEV, M., arkhitektor.

Planning machine-tractor station layouts. Sel'.stroi.8 no.6:12-13 N-D '53.
(MIRA 6:11)
(Machine-tractor stations)

SOBOLEV, M.

Some problems in the development of television. Radio no.10:
(MIRA 9:1)
25-26 0'55.

1. Glavnyy inzhener Glavnogo upravleniya Ministerstva radio-
tekhnicheskoy promyshlennosti.
(Television)

PA 20/49T103

SOBOLEV, M. A.

USSR/Radio
Transformers, Radio Frequency
Choke Coils

Sep/Oct 48

"New Methods for Designing Powerful Modulating
Transformer," S. V. Person, Cand Tech Sci, M. A.
Soboler, N. I. Eydlin, Engineers, 22 pp

"Radiotekh" Vol III, No 5

Briefly reviews existing models of modulation trans-
formers and design requirements. Gives method of
designing modulation transformer and choke coil in
circuit without magnetization current, and method
of designing transformer in circuit with magneti-

20/49T103

USSR/Radio (Contd)

Sep/Oct 48

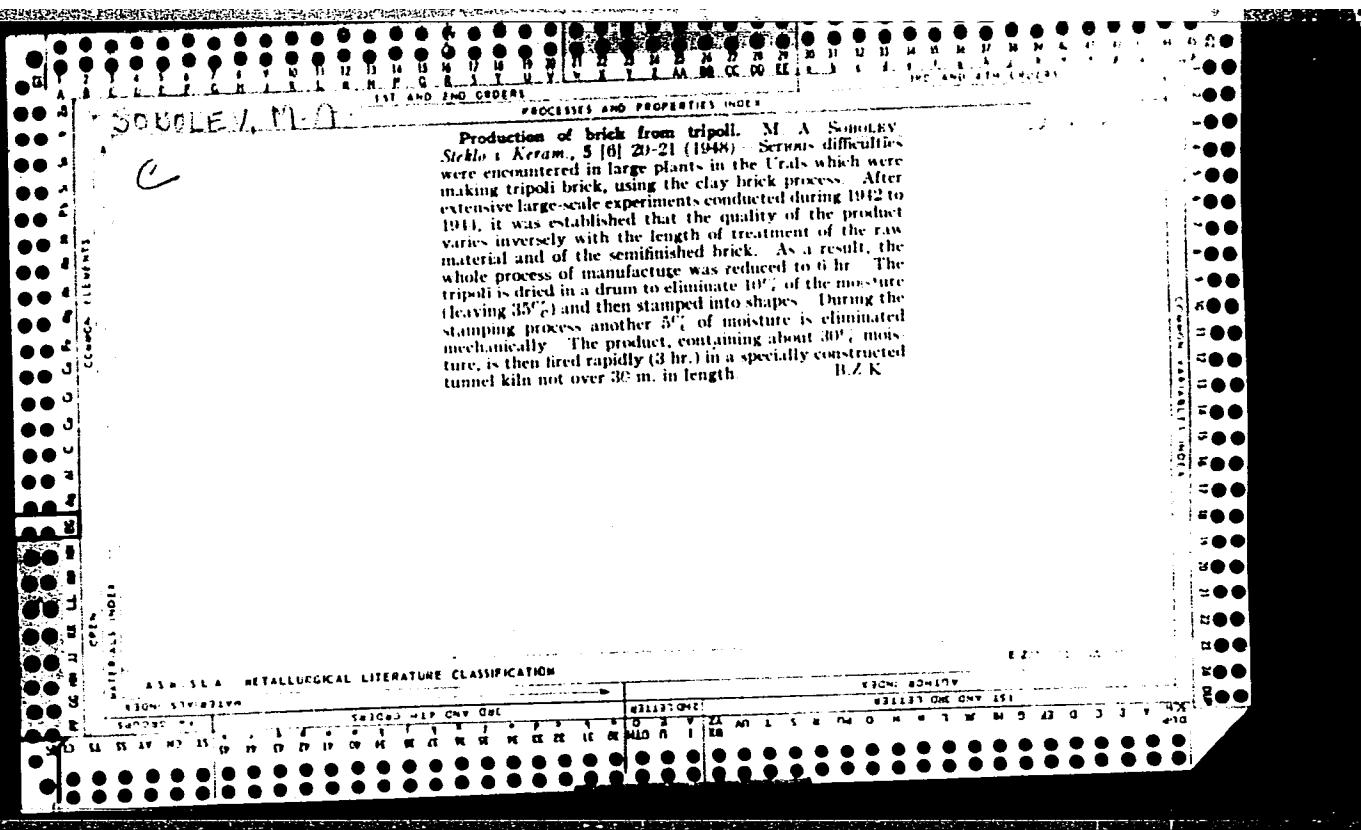
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So: Knizhnaya Letopis', No. 11, 1956, pp 103-114



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stroit. Materialov i stroit. Detaley pri mosgorispolkome. Nauch-issled. I
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"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820012-5

COL W. J. A.

SOTCHW, V. A. "A ring brick kiln with mechanized loading and unloading of bricks", Sov. Keram. No. 4, p. 26-27.

DD: 3-4-73, 14 August 53, (Letopis 'Zhurnal 'nyikh Statей', No. 22, 1953).

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CIA-RDP86-00513R001651820012-5"

SOBOLEV, M.A., inzhener

Rotary tunnel kiln for burning bricks. Gor. khoz. Mosk. 29
no. 6:33-35 Je '55. (MIRA 8:8)
(Kilns, Rotary)

SOBOLEV, M.A., inzh.; ROGOVOY, M.I., inzh.; GILENSEN, P.G., tekhn. red.

[Calendar and reference book for the workers in brick factories]
Kalendar'-spravochnik rabotnika kirkpichnogo zavoda. Moskva, Gos.
izd-vo lit-ry po stroit. materialam, 1958. 254 p. (MIRA 11:9)

1. Nauchno-tehnicheskoye obshchestvo promyshlennosti stroitel'nykh
materialov. Moskovskoye oblastnoye pravleniye.
(Brickmaking)

